

Contents

1	Routine/Function Prologues	2
1.0.1	noah_varder.F90 (Source File: noah_varder.F90)	2
1.0.2	noah_varder_ini (Source File: noah_varder.F90)	2

1 Routine/Function Prologues

1.0.1 noah_varder.F90 (Source File: noah_varder.F90)

Module for 1-D NOAH land model driver variable initialization

REVISION HISTORY:

Apr 2003; Sujay Kumar, Initial Code

INTERFACE:

```
module noah_varder
```

USES:

```
use noah_module
use tile_spmMod
use noahpardef_module
use noahdrv_module
```

1.0.2 noah_varder_ini (Source File: noah_varder.F90)

Reads in runtime noah parameters, allocates memory for variables

INTERFACE:

```
subroutine noah_varder_ini(nch)
```

USES:

```
#if ( defined OPENDAP )
use opendap_module
#endif
```

CONTENTS:

```
if(masterproc) then
call readnoahcrd(noahdrv)
endif
call def_noahpar_struct
call MPI_BCAST(noahdrv, 1, MPI_NOAHDRV_STRUCT, 0, &
MPI_COMM_WORLD, ierr)
#if ( defined OPENDAP )
noahdrv%noah_albfile = trim(opendap_home)//trim(adjustl(ciam)) &
//'/ '//noahdrv%noah_albfile
noahdrv%noah_mgfile = trim(opendap_home)//trim(adjustl(ciam)) &
//'/ '//noahdrv%noah_mgfile
noahdrv%noah_mxsnal = trim(opendap_home)//trim(adjustl(ciam)) &
//'/ '//noahdrv%noah_mxsnal
noahdrv%noah_tbot = trim(opendap_home)//trim(adjustl(ciam)) &
```

```
        //'/'//noahdrv%noah_tbot
#endif
    if(masterproc) then
        allocate(noah(nch))
    else
        allocate(noah(di_array(iam)))
    endif
end subroutine noah_varder_ini
```